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## SICKNESS AMONG MALE INDUSTRIAL EMPLOYEES DURING THE FINAL QUARTER OF 1934 AND THE ENTIRE YEAR <sup>1</sup>

By DEAN K. BRUNDAGE, *Statistician, Office of Industrial Hygiene and Sanitation, United States Public Health Service*

Cases of sickness causing disability for more than 1 week among 153,167 male industrial workers occurred at approximately the same rate in the fourth quarter of 1934 as in the corresponding period of 1933. This result may be regarded as favorable, inasmuch as it represents a decrease of more than 12 percent from the average frequency of 8-day and longer cases in the same quarter of the years 1929 to 1933, inclusive.

For the year as a whole the sickness frequency rate was 7 percent below the rate in 1933. A few delayed reports of cases may increase slightly the final figures for 1934, but such revision seldom increases the rate appreciably. It is expected that the complete returns will still show a lower rate in 1934 than in the preceding year. Such a result may be considered noteworthy, since 1933 was a record year for low sickness incidence as far back (1921) as the data are available for the sample of the industrial population under consideration. Compared with 1929, the decrease in the frequency of cases of sickness and nonindustrial accidents causing disability for 8 days and longer is nearly 30 percent.

The record covers the same group of companies in 1934 as in 1933. The rates for the fourth quarter of the years 1929 to 1933 include 19 of these companies which employed about 78 percent of the men covered in the 5-year average. The rates therefore appear to be fairly comparable for the different time periods shown in the table.

The data presented are those of industrial sick-benefit organizations maintained either by the company or by its employees or cooperatively by both. The reporting companies employ men in all parts of the United States, but most of them are located in the North Central, North Atlantic, and New England States.

<sup>1</sup> The report for the third quarter and the first 9 months of 1934 was published in the Public Health Reports of Jan. 25, 1935, vol. 50, no. 4, pp. 95-98.

TABLE 1.—*Frequency of disability lasting 8 calendar days or longer in the fourth quarter and the full year 1934, compared with corresponding periods of 1933. (Male morbidity experience of industrial companies which reported their cases to the U. S. Public Health Service)*<sup>1</sup>

Diseases and disease groups causing disability. (Numbers in parentheses are disease title numbers from the International List of the Causes of Death, fourth revision, Paris, 1929.)	Annual number of disabilities per 1,000 men in—				
	Fourth quarter of—			Full year—	
	1934	1933	5 years, 1929-33	1934	1933
Sickness and nonindustrial injuries <sup>2</sup> .....	77.1	79.4	90.2	76.8	82.5
Nonindustrial injuries.....	12.5	13.6	13.4	12.0	11.1
Sickness <sup>2</sup> .....	64.6	65.8	76.8	64.8	71.4
Respiratory diseases.....	27.0	27.5	32.4	24.1	28.6
Bronchitis, acute and chronic (106).....	3.7	3.3	4.1	3.1	2.8
Diseases of the pharynx and tonsils (115a).....	3.6	4.0	4.7	4.2	3.9
Influenza, grippé (11).....	12.9	12.4	15.9	10.1	15.2
Pneumonia, all forms (107-109).....	2.0	1.9	2.4	1.9	1.7
Tuberculosis of the respiratory system (23).....	.8	.7	.8	.7	.9
Other respiratory diseases (104, 105, 110-114).....	4.0	5.2	4.5	4.1	4.1
Nonrespiratory diseases.....	37.6	38.3	44.4	40.7	42.8
Diseases of the stomach, cancer excepted (117-118).....	2.9	3.0	3.6	3.1	3.3
Diarrhea and enteritis (120).....	1.2	1.0	1.2	1.2	1.0
Appendicitis (121).....	3.9	3.6	3.6	4.0	3.4
Hernia (122a).....	1.4	1.0	1.5	1.4	1.3
Other digestive diseases (115b, 116, 122b-129).....	2.6	2.9	2.9	2.8	3.2
Rheumatic group, total.....	7.2	8.4	10.3	8.3	9.8
Rheumatism, acute and chronic (56, 57).....	2.9	3.5	4.5	3.9	4.9
Diseases of the organs of locomotion (156b).....	2.3	2.8	3.4	2.6	2.7
Neuralgia, neuritis, sciatica (87a).....	2.0	2.1	2.4	1.8	2.2
Neurasthenia and the like (part of 87b).....	.6	.8	1.1	.8	.8
Other diseases of the nervous system (78-85, part of 87b).....	1.4	1.3	1.1	1.3	1.5
Diseases of the heart and arteries, and nephritis (90-99, 102, 130-132).....	2.8	3.0	3.5	3.1	3.6
Other genito-urinary diseases (133-138).....	2.2	2.3	2.3	2.3	2.3
Diseases of the skin (151-153).....	2.3	2.7	3.1	2.5	2.7
Epidemic and endemic diseases except influenza, (1-10, 12-18, 33, 37, 38, part of 39 and 44).....	1.8	1.8	1.7	2.5	2.0
Ill-defined and unknown causes (200).....	1.6	1.5	1.8	1.7	2.0
All other diseases (19-22, 24-32, 36, part of 39 and 44, 40-43, 45-55, 58-77, 88, 89, 100, 101, 103, 154- 156a, 157, 162).....	5.7	5.0	6.7	5.7	5.9
Average number of males covered in the record.....	153,167	143,766	152,173	161,096	142,232
Number of companies included.....	33	33	37	<sup>3</sup> 34	<sup>3</sup> 34

<sup>1</sup> In 1933 and 1934 the same companies are included. The rates for the fourth quarter of the years 1929 to 1933 include 19 of these companies, which employed an average of 120,118 men during these months, or 78 percent of the 152,173 men representing the sample population for the 5 years.

<sup>2</sup> Exclusive of disability from venereal diseases.

<sup>3</sup> For 1 of these companies the record covers only the first 9 months of the year, but the rates represent annual sickness frequency based on the 9 months' experience.

Disabilities of less than 1 week's duration are not included. The present report is confined to the morbidity frequency rates of males only. A later report, giving the sickness incidence rates in 1934 in comparison with those for earlier years, will include the sickness rates of female industrial employees.

Among the 153,167 men covered in the record for the fourth quarter of 1934, the frequency of respiratory diseases was practically the same as in the final quarter of the preceding year. Influenza, pneumonia, tuberculosis, and bronchitis occurred at slightly greater frequency than in the corresponding period of 1933, but these increases were offset by lower rates for diseases of the pharynx and tonsils, and for the group of "other respiratory diseases." With the exception of tuberculosis, which showed the same frequency in the fourth

quarter of 1934 as the average incidence during the fourth quarter of the 5 preceding years, the rates for the other respiratory diseases in the fourth quarter were all less than the corresponding rate for the same period of the years 1929 to 1933, inclusive.

For the year as a whole, the respiratory disease rate was lower than in 1933. Cases of influenza were less frequent in 1934 than in 1933 by almost one-third. A decrease is shown also in the frequency of tuberculosis. The pneumonia rate, however, was higher than in the preceding year. The frequency of disabilities of 8 days and longer due to bronchitis and to diseases of the pharynx and tonsils increased somewhat over the incidence rates recorded for these diseases in 1933.

For nonrespiratory diseases as a group the rate was about the same in the fourth quarter of 1934 as in the corresponding part of 1933. For the full year, however, the rate was slightly below that recorded for 1933.

In each quarter of 1934 the frequency of appendicitis was greater than in the corresponding quarter of 1933; and for the year as a whole, an increase of 18 percent is shown.

A rather large percentage increase in the fourth quarter, but only a small increase for the year as a whole, is shown in the frequency of cases of disability due to hernia.

The rheumatic disease group decreased in frequency in the fourth quarter and in the year 1934. Compared with the 5-year average, the fourth quarter rates for the three subgroups under the "rheumatic group" show decreases ranging from 17 to 35 percent.

The incidence rate of neurasthenia decreased in the fourth quarter of 1934, but the rate for the year was the same as in 1933. The frequency of other diseases of the nervous system was somewhat lower in 1934 than in the preceding year.

It is gratifying to find a decrease of 14 percent in 1934 as compared with 1933 in the frequency of the degenerative diseases embraced in the category "diseases of the heart and arteries, and nephritis." Other genito-urinary diseases, however, show no change in incidence.

For diseases of the skin the rates decreased both in the fourth quarter of 1934 and in the full year.

Gaged by the frequency of claims for sickness benefits in a sample of the male industrial population of the country, disabilities of more than 1 week's duration appear to have occurred less often in the fourth quarter of 1934 than they did on the average in the corresponding period of the 5 preceding years, and the rate of morbidity for the full year appears to have been somewhat lower than in 1933. The absence of serious epidemics of respiratory diseases during the last few years has made possible the establishment of new "lows" in the frequency of morbidity as well as in the rate of mortality in the United States.

## MORTALITY IN CERTAIN STATES DURING 1934, WITH COMPARATIVE DATA FOR RECENT YEARS <sup>1</sup>

For several years the United States Public Health Service has secured current mortality data from the State health departments of as many States as could furnish the information, and has published death rates for important causes. The rates are computed from preliminary reports, and, because of (a) some lack of uniformity in the method of classifying deaths according to cause, (b) some delayed death certificates, and (c) various other reasons, these preliminary rates cannot be expected to agree in all instances with final rates published by the Bureau of the Census. The final figures are based on a complete review and retabulation of the individual death certificates from each State. The preliminary rates given in the accompanying tables are intended to serve as a current index of mortality until final figures are available.

For purposes of comparison, the mortality rates for a few preceding years are given. These comparative rates are from the same source as are the current reports. Although final figures are often available for earlier years, the provisional figures are retained as being more comparable with current preliminary rates.

In table 1 the death rates for important causes for groups of States have been brought together. The majority of the rates are based on data from 28 States, with a population of nearly 95 million. The detailed tables show rates for each State. The summary table includes for each cause every State that is included in the detailed tables. While the rates in this group of States may not be the same as those for the total registration area, it is highly probable that the trend of the rates in these States will be comparable with the trend in the total area.

Table 2 is a summary of death rates in each of the 4 quarters of the year for a group of 25 States with available data of this kind. Tables 3 and 4 give rates for the year as a whole for each State.

The death rate from all causes in the 28 States was 10.9, as compared with 10.5 in 1933 and 10.8 and 11 in 1932 and 1931, respectively. While the increase over 1933 was not large, it was widespread; 22 of the 28 States showed an increase, only 5 a decrease, and in 1 State the rate was the same in the 2 years. The rate for each quarter of 1934 was above the corresponding quarter of 1933, but the differences were small.

Infant mortality was also slightly higher in 1934—58 per 1,000 live births, as compared with 56 in 1933. Of 27 States with data for both years, the rate increased in 19 and decreased in 8 States.

<sup>1</sup> From the Office of Statistical Investigations, U. S. Public Health Service.



Throughout the years of depression the tuberculosis death rate in the general population has continued a steady decline which started many years ago. The rate for 1934 was 54.3 per 100,000, as compared with 56.6 and 60 for 1933 and 1932, respectively. The relative decline from the preceding year, 4.6 percent, was slightly less than in 1933 and 1932 (5.7 and 7.3 percent), but was about the same as in 1931 (4.8 percent). Of the 28 States, 25 showed a decline in the tuberculosis rate in 1934 from that in 1933, and 3 an increase.

The year 1934 was exceptionally free from influenza; the death rate of 15.2 per 100,000 from this cause was less than in any year since 1929. In every one of the 28 States the rate was lower in 1934 than in 1933. There was a small epidemic in the early weeks of 1935 which affected the last week or two of 1934 but made no impression upon the rate for the year as a whole.

The pneumonia death rate is usually high or low in proportion to the presence of influenza during the year. In 1934, however, the pneumonia rate was higher than in 1933, while the reverse was true of the influenza rate. The pneumonia rate for 1934 was 78.2 per 100,000, as compared with 69.3 and 77.1 in 1933 and 1932, respectively. In 23 of the 28 States the rate was higher in 1934 than in 1933.

The exceptionally high mortality from whooping cough and measles may have a bearing on the high pneumonia rate. Both of these diseases are frequently complicated by pneumonia, and some of the deaths credited to pneumonia may have been preceded by these diseases but the facts have been omitted from the death certificates. Both the measles and whooping cough rates in 1934 were the highest for the 5 years included in the table. For both diseases 23 of the 28 States showed increases over 1933. Although the death rates from the communicable diseases may be expected to fluctuate from year to year, large increases of both measles and whooping cough in the same year in such a large proportion of the States would not normally be expected.

In spite of high poliomyelitis rates in the Western States in 1934, the rate for the group of 28 States was the same as in 1933. Of the 28 States, 15 had higher rates, 9 had lower, and in 4 States the rate was the same. Of the States included, the largest excesses over 1933 were in California, Montana, and Idaho. Since the populations of the Eastern States are generally larger than those of the Western, an epidemic in the West has less effect upon the rate for the country as a whole than an eastern epidemic.

Reports of increases in meningococcus meningitis began in the early weeks of 1935, but the 1934 death rate for this disease was lower than in any of the 5 years included in the tables. Of the 28

States, 12 had higher rates in 1934 than 1933, 14 had lower rates, and in 2 States there was no change.

The scarlet fever rate was the same in 1934 as in 1933. Of the 28 States, the rate in 1934 was higher in 12 States, lower in 15 States, and the same in 1 State.

Diphtheria continued an uninterrupted decline, the rate of 2.7 per 100,000 in 1934 being less than in any preceding year. Of the 28 States, 18 showed a decline from 1933, 9 an increase, and in 1 State the rate was the same in the 2 years.

Typhoid fever continued its steady decline to a new low death rate of 2.3 per 100,000. In 12 of the 28 States the rate was higher in 1934 than in 1933, in 15 it was lower, and in 1 State the rate was the same in the 2 years. Deaths from diarrhea and enteritis under 2 years of age amounted to 11.1 per 100,000 total population, as compared with 10 and 10.3 in 1933 and 1932, respectively. In 20 of the 28 States there was an increase in the rate in 1934 over 1933, in 7 a decrease, and in 1 State the rate remained the same.

The death rate from diabetes was higher in 1934 than in 1933. In 21 of the 28 States there was an increase in 1934 as compared with 1933, in 6 States a decrease, and in 1 State the rate was the same in the 2 years.

Cancer continued its steady increase, the rate of 108 per 100,000 in 1934 being greater than in any other year included. Twenty-two of the twenty-eight States increased in 1934 as compared with 1933.

Diseases of the heart continued an upward trend, the increase this year being considerably greater than in preceding years. Twenty-two of the twenty-seven States with available data had higher rates in 1934 than in 1933. The death rate for nephritis was slightly higher in 1934 than in 1933. Of the 27 States with data available for both 1934 and 1933, 19 had a higher rate and 8 a lower rate in 1934 than in 1933. In the group of States with available data on cerebral hemorrhage, the rate in 1934 was slightly higher than in 1933. However, in 15 of the 26 States there was a decrease in 1934 as compared with 1933.

Although the 1934 death rate represents some increase over 1933, it is about the same as in 1932 and not up to the level of 1931 and earlier years.

TABLE 1.—Summary of mortality from certain causes in a group of States, 1930-34<sup>1</sup>

Diseases (numbers in parentheses are from the International List of Causes of Death, fourth revision, 1929)	1934	1933	1932	1931	1930
Death rate per 1,000 population					
28 States (population July 1, 1934: 94,047,000): All causes.....	10.9	10.5	10.9	11.0	11.2
Deaths under 1 year per 1,000 live births					
27 States (live births 1934: 1,499,000): Total infant mortality.....	58	56	57	61	62
21 States (live births 1934: 1,221,000): All infant mortality except malformations and early infancy.....	25	24	25	28	29
Deaths of mothers per 1,000 live births					
27 States (live births 1934: 1,499,000): Maternal mortality.....	5.4	5.6	5.9	6.2	6.2
Death rate per 100,000 population					
28 States (population July 1, 1934: 94,047,000):					
Typhoid fever (1, 2).....	2.3	2.5	2.9	3.5	3.7
Diarrhea and enteritis under 2 years (119).....	11.1	10.0	10.3	14.0	17.8
Measles (7).....	4.2	1.6	1.5	2.5	2.9
Whooping cough (9).....	5.1	3.2	4.1	3.5	4.2
Scarlet fever (8).....	2.0	2.0	2.1	2.1	1.9
Diphtheria (10).....	2.7	2.9	3.8	4.1	4.6
Acute anterior poliomyelitis (16).....	.6	.6	.7	1.9	1.1
Meningococcus meningitis (18).....	.8	1.0	1.3	2.1	3.1
Influenza (11).....	15.2	23.7	27.5	24.8	18.5
Pneumonia, all forms (107-109).....	78.2	69.3	77.1	81.7	83.0
Tuberculosis, all forms (23-32).....	54.3	56.6	60.0	64.7	68.0
Cancer (45-53).....	107.9	104.1	102.1	98.9	97.8
Diabetes (59).....	22.9	21.9	22.0	20.6	19.3
27 States (population July 1, 1934: 90,746,000):					
Diseases of the heart (90-95).....	243.9	225.9	219.9	212.1	210.0
Nephritis, all forms (130-132).....	83.3	81.2	83.8	83.1	87.4
26 States (population July 1, 1934: 89,091,000):					
Cerebral hemorrhage, apoplexy (82, a, b).....	80.4	79.6	81.0	80.0	80.5

<sup>1</sup> See tables 3 and 4 for names of States included for each disease. The District of Columbia is counted as a State.

TABLE 2.—Mortality from certain causes in each quarter of 1934, 1933, 1932, and 1931, in the 25 States<sup>1</sup> with available data  
[Population July 1, 1934: 80,813,000]

Period	Death rate per 100,000 population (annual basis)																							
	Rate per 1,000 live births			All causes, rate per 1,000 popu- lation																				
	Total infant mortality	All except malforma- tions and early in- fancy	Maternal mortality	Typhoid fever (1, 2)	Measles (7)	Scarlet fever (8)	Whooping cough (9)	Diphtheria (10)	Influenza (11)	Poliomyelitis (16)	Lethargic encephalitis (17)	Meningococcus men- ingitis (18)	Tuberculosis, all forms (23-32)	Cancer, all forms (45- 53)	Diabetes (59)	Diseases of the nerv- ous system (78-85)	Cerebral hemorrhage, apoplexy (82a-b)	Diseases of the circula- tory system (90-103)	Diseases of the heart (90-95)	Diseases of the respira- tory system (104- 114)	Pneumonia, all forms (107-109)	Diseases of the diges- tive system (115- 129)	Diarrhea and enter- itis under 2 years (119)	Nephritis (130-132)
January-December: 1934.....	57	26	5.5	2.4	3.9	1.9	4.6	2.5	15.2	0.7	0.6	0.8	54.2	110.3	23.3	103.3	8.8	275.0	245.6	89.7	78.0	70.0	10.5	81.4
1933.....	56	25	5.6	2.4	1.7	1.9	3.1	2.8	34.0	.7	.7	1.2	60.3	106.4	22.3	103.4	8.6	258.7	226.4	82.1	70.6	68.3	9.7	78.5
1932.....	57	26	5.3	2.9	1.6	2.0	4.1	3.7	28.8	.7	.7	1.2	60.3	104.2	22.4	105.6	8.2	255.2	221.8	90.9	78.6	68.5	10.3	81.5
1931.....	60	29	6.1	3.5	2.4	1.9	3.5	3.7	24.5	2.0	.9	2.1	64.8	100.8	20.9	106.2	8.0	247.2	213.2	95.6	83.3	74.1	13.9	81.0
January-March: 1934.....	64	31	6.0	.9	5.6	3.1	4.6	2.6	28.5	.3	.7	.9	57.4	107.2	26.2	114.0	89.3	310.6	275.6	136.0	120.9	62.9	5.8	89.7
1933.....	65	32	6.1	1.2	2.0	2.7	3.0	2.5	64.3	.3	.8	1.1	60.3	104.9	25.7	113.7	88.7	286.5	251.0	121.9	108.8	59.6	5.2	86.0
1932.....	60	28	6.3	1.9	3.3	2.8	3.3	4.6	44.0	.4	.8	1.9	63.3	102.6	25.0	114.5	89.4	282.5	243.5	131.1	117.2	61.7	5.4	89.6
1931.....	74	40	6.9	1.3	3.3	2.9	3.3	3.6	60.0	.5	1.0	3.2	69.3	100.8	23.6	117.7	86.1	284.5	245.7	166.7	150.6	65.5	7.2	88.8
April-June: 1934.....	59	26	6.2	1.8	7.5	2.1	5.8	1.4	12.7	.6	.5	.9	57.9	111.4	23.3	104.1	81.7	276.5	246.9	91.9	79.0	69.7	8.9	83.4
1933.....	54	23	6.0	1.7	3.3	2.2	3.0	1.4	12.7	.4	.7	.9	60.0	106.3	21.6	104.3	80.1	255.9	222.9	71.9	90.3	67.7	8.8	81.1
1932.....	58	26	6.3	1.7	3.3	2.5	4.9	5.4	24.3	.7	.7	1.4	63.4	103.9	22.1	107.5	89.4	256.0	222.2	84.6	73.6	67.2	8.9	82.8
1931.....	58	26	6.6	1.8	4.8	2.6	3.4	2.2	22.7	.5	1.1	2.5	69.5	101.7	20.6	106.7	83.6	248.5	214.6	90.0	78.0	70.4	9.1	83.4
July-September: 1934.....	51	21	5.0	4.2	1.5	.8	4.8	1.6	4.7	1.1	.8	.6	50.4	109.7	19.8	90.9	72.3	233.5	210.3	43.9	35.8	90.0	17.1	72.8
1933.....	49	20	5.3	4.1	.5	.8	3.5	1.9	4.8	1.3	.9	.6	53.1	108.2	19.0	90.3	70.4	219.5	191.4	42.0	33.3	77.8	15.4	70.5
1932.....	50	21	5.8	5.0	.5	.7	3.9	2.5	5.6	1.3	.7	.8	55.3	106.0	18.2	90.9	70.1	213.5	183.9	42.6	33.9	80.2	23.7	71.7
1931.....	54	24	5.8	6.1	.7	.8	3.9	2.2	5.0	5.2	.7	1.4	61.8	99.6	17.9	93.9	70.9	210.0	180.6	44.8	35.8	87.7	23.7	71.6
October-Decem- ber: 1934.....	54	24	4.8	2.6	1.0	1.7	3.3	4.5	15.0	.6	.6	.8	51.2	112.6	23.9	104.2	84.0	279.6	249.6	88.0	77.0	67.1	10.0	79.5
1933.....	56	25	5.1	2.8	.8	2.1	2.8	5.5	14.9	.6	.8	.7	52.7	108.0	22.9	105.4	83.4	273.5	240.6	92.3	50.5	61.7	10.7	79.7
1932.....	59	29	5.4	3.0	.6	1.9	2.7	5.4	41.6	.7	.7	.9	53.3	107.1	24.3	109.1	85.5	269.2	235.8	103.7	90.0	61.8	8.4	82.1
1931.....	56	25	5.3	4.7	.6	1.4	3.3	6.8	11.2	1.8	.7	1.5	58.6	101.8	21.4	103.6	80.4	246.5	212.7	82.5	70.0	72.6	13.2	80.2

<sup>1</sup> Includes all States for which data are available by quarters for the 4 years covered. The States are: Alabama, California, Connecticut, District of Columbia, Georgia, Idaho, Indiana, Iowa, Kansas, Louisiana, Maryland, Michigan, Minnesota, Montana, Nebraska, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, South Dakota, Tennessee, Virginia, West Virginia, and Wisconsin.

TABLE 3.—Mortality in certain States, 1930-34

State	Deaths, all causes, per 1,000 population					Maternal mortality, per 1,000 live births				
	1934	1933	1932	1931	1930	1934	1933	1932	1931	1930
Total.....	10.9	10.5	10.8	11.0	11.2	5.4	5.6	5.9	6.2	6.2
Alabama.....	10.6	9.8	10.0	10.4	11.2	6.1	6.9	7.1	7.4	8.1
California.....	11.1	11.2	10.9	11.3	11.6	4.4	4.8	5.8	6.3	5.3
Connecticut.....	10.2	10.1	10.1	10.4	10.5	5.3	6.0	5.7	6.8	8.5
District of Columbia.....	16.5	15.9	16.1	15.9	15.2	3.6	4.8	7.9	6.1	9.1
Georgia.....	11.8	10.4	10.9	11.1	11.8	7.4	7.7	9.5	10.0	10.6
Idaho.....	10.6	9.6	9.2	9.6	9.7	5.8	4.4	4.4	4.5	4.4
Illinois.....	11.1	10.5	10.5	11.1	10.9	5.2	5.0	5.1	5.4	5.4
Indiana.....	12.3	11.6	11.8	11.9	12.1	5.3	5.4	4.9	5.6	5.5
Iowa.....	10.6	10.2	10.2	10.3	10.6	5.6	4.9	4.4	4.1	7.0
Kansas.....	10.5	10.4	10.1	10.0	10.4	5.5	4.8	5.4	5.8	7.0
Louisiana.....	10.6	10.6	10.6	10.9	11.8	8.1	8.1	8.2	8.9	9.8
Maryland.....	12.3	12.2	12.5	13.2	13.2	5.1	4.9	4.6	6.0	5.3
Michigan.....	9.9	9.6	9.7	9.8	10.6	5.3	5.5	5.7	5.9	5.9
Minnesota.....	10.1	9.6	9.6	9.6	9.7	4.8	4.5	4.1	4.6	4.8
Mississippi.....	9.9	10.4	9.9	10.8	10.8	-----	-----	-----	-----	-----
Montana.....	10.4	9.7	9.7	9.7	9.8	5.7	5.8	5.7	7.0	6.8
Nebraska.....	9.5	9.2	9.2	9.1	9.4	5.5	4.2	5.0	5.1	5.3
New Jersey.....	10.3	10.4	10.1	10.6	10.7	5.4	5.1	5.7	5.9	5.7
New York.....	11.1	11.2	11.3	11.6	11.7	5.2	6.8	6.1	5.9	5.6
North Carolina.....	10.7	9.3	9.4	10.2	11.4	6.9	6.4	6.8	7.8	7.6
Ohio.....	11.2	10.7	11.1	11.1	11.4	5.6	5.9	5.9	6.0	5.5
Pennsylvania.....	10.8	10.6	10.9	11.3	11.3	5.2	5.1	5.4	5.7	5.3
Rhode Island.....	10.7	11.1	11.5	11.4	11.6	5.7	5.6	5.7	5.5	5.6
South Dakota.....	9.3	8.8	8.2	8.6	8.5	4.5	4.1	3.7	4.9	5.0
Tennessee.....	10.9	10.2	10.7	10.7	11.4	6.3	6.1	6.6	6.8	7.9
Virginia.....	11.6	10.8	10.9	11.6	11.7	5.7	5.6	6.6	7.4	6.6
West Virginia.....	10.0	9.4	10.0	10.0	10.4	5.3	5.1	5.1	5.2	5.7
Wisconsin.....	10.0	9.8	10.0	10.1	10.3	4.2	4.7	4.3	4.3	4.8
Hawaii.....	8.8	9.6	9.7	9.8	10.4	5.4	5.8	-----	-----	-----
Industrial policyholders, Metropolitan Life Insurance Co., ages 1 and over.....	8.3	8.4	8.4	8.5	8.4	-----	-----	-----	-----	-----

State	Infant mortality rate per 1,000 live births									
	Total infant mortality					All except malformations and early infancy				
	1934	1933	1932	1931	1930	1934	1933	1932	1931	1930
Total.....	58	56	57	61	62	25	24	25	28	29
Alabama.....	69	66	61	65	73	43	40	36	40	45
California.....	52	53	53	57	59	22	24	23	26	29
Connecticut.....	50	48	48	54	56	-----	-----	-----	-----	-----
District of Columbia.....	64	65	73	71	70	32	27	33	35	30
Georgia.....	80	68	65	69	78	-----	-----	-----	-----	-----
Idaho.....	50	47	58	59	51	18	14	32	27	24
Illinois.....	58	51	52	56	56	24	20	21	25	23
Indiana.....	56	53	55	57	57	27	24	26	28	26
Iowa.....	53	50	48	51	56	21	19	20	22	22
Kansas.....	48	53	48	48	52	19	23	18	19	22
Louisiana.....	70	71	66	68	80	40	39	36	40	49
Maryland.....	69	65	70	79	73	33	31	35	45	38
Michigan.....	52	51	54	56	63	19	18	22	22	27
Minnesota.....	49	50	43	47	47	18	20	15	17	17
Montana.....	52	49	49	56	59	-----	-----	-----	-----	-----
Nebraska.....	46	51	43	47	49	16	19	15	19	19
New Jersey.....	49	46	52	57	57	-----	-----	-----	-----	-----
New York.....	52	54	53	57	58	21	22	22	33	26
North Carolina.....	77	66	67	73	77	-----	-----	-----	-----	-----
Ohio.....	53	52	60	59	58	21	19	26	26	25
Pennsylvania.....	54	52	59	65	66	26	24	31	34	30
Rhode Island.....	54	56	57	61	62	18	17	23	22	26
South Dakota.....	59	55	51	58	56	27	25	23	28	26
Tennessee.....	75	71	69	70	71	47	44	42	44	44
Virginia.....	68	63	66	72	71	-----	-----	-----	-----	-----
West Virginia.....	67	76	75	77	81	33	40	38	39	43
Wisconsin.....	50	49	51	53	56	19	17	19	20	23
Hawaii.....	75	72	76	75	82	48	44	-----	-----	-----



TABLE 4.—Death rates for various causes per 100,000 population

State	Typhoid fever (1, 2)					Diarrhea and enteritis under 2 years (119)				
	1934	1933	1932	1931	1930	1934	1933	1932	1931	1930
Total.....	2.3	2.5	2.9	3.5	3.7	11.1	10.0	10.3	14.0	18.0
Alabama.....	4.8	4.3	4.9	6.9	7.9	20.6	18.7	15.4	20.6	31.2
California.....	1.4	1.5	1.3	1.6	1.7	9.1	8.4	8.2	11.5	14.8
Connecticut.....	.4	.5	.5	1.0	.9	5.1	4.7	4.2	7.8	10.5
District of Columbia.....	1.6	3.6	1.4	3.9	3.3	14.3	11.5	16.0	16.7	19.9
Georgia.....	10.6	8.4	12.6	16.7	16.4	22.1	16.7	13.2	18.8	24.8
Idaho.....	5.6	4.5	3.3	3.6	4.7	11.6	6.9	4.5	4.7	4.7
Illinois.....	1.7	1.4	1.7	1.5	1.9	8.3	6.4	6.9	3.9	5.9
Indiana.....	3.1	2.9	2.6	2.9	3.3	12.2	11.1	12.3	13.9	18.9
Iowa.....	2.2	1.0	1.7	1.4	1.6	6.9	4.0	4.5	7.6	6.6
Kansas.....	1.4	1.5	1.7	2.2	3.0	8.2	8.5	7.2	8.1	12.1
Louisiana.....	9.5	11.4	10.8	14.5	11.7	21.1	19.1	14.0	22.4	22.1
Maryland.....	2.4	2.2	3.1	5.4	6.4	17.3	15.1	19.6	31.3	30.0
Michigan.....	1.4	1.0	1.1	1.4	1.8	7.5	5.8	6.3	9.2	14.4
Minnesota.....	.5	.8	.7	.6	1.0	4.0	5.0	3.9	4.4	6.8
Mississippi.....	3.0	6.0	6.3	9.5	10.2	19.7	15.1	10.9	14.4	15.0
Montana.....	3.0	2.8	2.8	2.2	3.2	13.2	5.4	7.4	11.0	15.3
Nebraska.....	1.1	.7	1.4	1.7	1.6	5.4	4.7	4.9	7.1	8.3
New Jersey.....	.9	1.0	.7	1.0	1.1	5.3	4.3	5.6	9.1	11.5
New York.....	.6	.9	1.0	1.1	1.2	6.4	6.8	6.4	8.7	11.4
North Carolina.....	2.7	3.9	5.0	5.1	4.4	27.2	21.0	16.8	22.2	29.7
Ohio.....	1.7	1.7	2.0	2.4	3.3	7.6	8.1	9.2	11.7	16.4
Pennsylvania.....	1.1	1.2	1.8	2.1	2.6	8.3	8.6	12.3	17.5	22.5
Rhode Island.....	.7	.4	.3	1.0	1.6	4.0	4.2	8.0	8.6	10.3
South Dakota.....	2.3	5.0	1.4	2.7	2.9	9.2	8.1	6.4	11.4	11.0
Tennessee.....	7.5	9.1	11.0	10.7	12.2	26.4	24.0	20.4	23.4	28.6
Virginia.....	3.4	4.4	5.1	7.3	5.8	17.3	16.1	14.8	22.5	26.1
West Virginia.....	7.0	8.0	12.1	12.6	12.1	28.2	32.9	48.9	54.3	70.1
Wisconsin.....	.6	.5	.7	.7	.9	6.6	6.6	6.8	10.4	10.2
Hawaii.....	3.3	5.3	2.4	2.6	2.4	28.9	36.5	45.7	49.3	76.6
Industrial policyholders, Metropolitan Life Insurance Co., ages 1 and over <sup>1</sup> .....	1.5	1.6	1.7	2.4	2.4	4.4	4.6	4.6	5.9	8.0

  

	Measles (7)					Whooping cough (9)				
	1934	1933	1932	1931	1930	1934	1933	1932	1931	1930
Total.....	4.2	1.6	1.5	2.5	2.9	5.1	3.2	4.1	3.5	4.2
Alabama.....	11.7	1.0	.2	6.4	3.1	12.4	6.4	7.4	3.6	9.5
California.....	1.3	1.8	.9	1.9	5.2	2.7	3.2	2.9	2.4	3.5
Connecticut.....	.4	.5	1.1	2.3	.4	1.0	1.6	2.7	2.7	2.0
District of Columbia.....	9.7	.8	.2	2.4	.2	7.8	1.4	4.0	6.7	2.7
Georgia.....	18.1	2.1	.5	2.1	4.4	11.2	7.3	3.8	3.8	9.0
Idaho.....	3.6	.7	.2	1.8	2.0	3.3	.2	.7	6.3	4.3
Illinois.....	2.7	.7	.6	4.2	1.0	3.9	1.0	2.9	2.7	2.1
Indiana.....	6.8	.4	.4	4.5	1.9	5.7	2.1	5.0	4.3	3.0
Iowa.....	2.7	.2	.2	.1	8.1	3.8	2.6	2.0	2.4	3.7
Kansas.....	1.9	.7	1.3	.4	4.2	4.7	3.2	2.5	1.3	3.5
Louisiana.....	7.6	1.7	1.7	.6	4.7	10.2	5.6	4.0	5.4	6.9
Maryland.....	8.8	.2	1.1	5.9	.4	7.3	4.9	5.4	7.6	4.4
Michigan.....	.7	2.2	3.6	.6	4.7	2.8	3.0	3.9	3.7	3.6
Minnesota.....	1.5	2.7	.5	.3	3.3	4.2	2.9	1.7	2.1	2.6
Mississippi.....	13.9	2.7	.1	.4	1.4	14.4	10.1	4.9	3.4	6.9
Montana.....	5.4	2.6	2.2	.4	2.2	4.7	3.0	4.1	8.9	3.6
Nebraska.....	1.6	.6	.1	.3	6.2	5.9	2.0	1.9	4.0	2.2
New Jersey.....	1.2	1.7	1.0	2.4	3.2	1.5	1.0	2.9	3.3	2.2
New York.....	.6	2.5	1.6	1.8	1.9	1.7	2.2	2.3	2.9	2.8
North Carolina.....	9.8	2.6	1.8	3.2	.1	13.0	6.0	6.9	5.7	8.5
Ohio.....	2.1	1.7	2.4	2.1	2.8	4.4	2.3	4.9	2.4	3.0
Pennsylvania.....	2.6	1.2	2.1	4.2	2.3	3.2	1.9	4.4	3.1	3.9
Rhode Island.....	.4	( <sup>2</sup> )	6.0	1.4	.9	3.0	3.6	1.6	2.3	5.4
South Dakota.....	16.6	1.0	( <sup>2</sup> )	.3	3.0	7.8	6.3	6.3	5.7	2.7
Tennessee.....	16.3	2.9	.3	3.8	4.9	9.6	5.7	7.5	6.3	6.3
Virginia.....	6.2	2.1	.9	3.2	3.9	8.3	4.4	12.5	6.2	10.8
West Virginia.....	3.5	2.5	9.8	2.3	4.9	11.9	6.0	10.2	7.4	12.0
Wisconsin.....	2.2	.9	1.4	1.4	3.3	3.5	2.0	2.2	1.9	3.3
Hawaii.....	.3	.5	6.6	10.2	4.3	14.1	12.4	1.1	.3	3.5
Industrial policyholders, Metropolitan Life Insurance Co., ages 1 and over.....	2.3	1.3	1.4	2.6	2.3	1.7	1.0	1.4	1.7	1.9

<sup>1</sup> The Metropolitan Life Insurance Co. data for diarrhea and enteritis include adults as well as children under 2 years.

<sup>2</sup> No deaths.

TABLE 4.—Death rates for various causes per 100,000 population—Continued

State	Scarlet fever (8)					Diphtheria (10)				
	1934	1933	1932	1931	1930	1934	1933	1932	1931	1930
Total.....	2.0	2.0	2.1	2.1	1.9	2.7	2.9	3.8	4.1	4.8
Alabama.....	.5	.7	1.3	1.1	1.4	5.9	5.8	7.5	7.6	7.1
California.....	1.3	1.4	.9	.9	1.2	1.7	1.9	3.3	2.9	3.4
Connecticut.....	.8	1.4	1.1	.7	1.5	.4	1.0	1.0	.9	2.0
District of Columbia.....	1.6	2.6	2.6	1.0	2.3	3.0	2.8	3.2	7.1	3.7
Georgia.....	.5	.6	.6	1.5	1.3	6.2	6.2	5.7	5.0	4.5
Idaho.....	2.9	.2	1.9	2.2	2.0	2.9	1.8	3.1	2.5	3.1
Illinois.....	2.6	3.5	3.3	4.5	3.9	1.9	1.7	3.0	4.7	7.1
Indiana.....	3.6	2.7	2.7	3.6	2.1	3.6	4.5	5.2	4.1	4.1
Iowa.....	2.5	1.8	1.5	1.6	2.5	1.6	2.1	2.3	1.7	1.8
Kansas.....	1.8	2.1	1.7	1.2	2.4	2.2	2.9	3.9	3.7	3.6
Louisiana.....	.6	.5	.4	.7	.6	4.6	4.7	6.5	6.4	5.0
Maryland.....	1.5	2.3	1.9	1.9	2.1	1.3	1.7	3.1	4.0	3.4
Michigan.....	3.4	3.1	2.2	2.3	2.7	.8	2.2	2.1	3.5	6.2
Minnesota.....	1.2	1.4	1.6	.9	1.4	.7	1.0	.9	1.4	1.2
Mississippi.....	.7	.4	.6	.5	.6	4.1	5.4	6.2	9.9	6.8
Montana.....	2.0	1.9	1.5	1.9	2.8	1.9	3.0	.9	1.7	.7
Nebraska.....	1.7	1.7	2.0	1.5	2.2	1.6	1.5	4.0	3.5	3.3
New Jersey.....	1.5	1.4	1.7	2.0	1.5	1.3	1.2	2.3	2.9	8.2
New York.....	1.2	1.6	2.8	1.7	1.1	1.0	1.1	2.1	2.2	2.7
North Carolina.....	1.2	1.4	1.1	2.0	1.2	6.3	6.1	4.5	7.3	7.9
Ohio.....	3.3	3.2	3.3	3.3	2.6	2.9	2.5	3.3	2.8	2.8
Pennsylvania.....	2.3	2.7	2.6	2.3	1.9	2.2	2.3	4.0	3.6	5.2
Rhode Island.....	.6	1.3	3.5	1.7	1.0	.3	1.3	4.1	4.7	5.4
South Dakota.....	1.4	1.6	1.3	.6	.6	1.0	2.3	2.9	2.6	2.9
Tennessee.....	2.0	1.8	.8	2.4	1.6	7.6	8.2	8.2	9.3	6.6
Virginia.....	1.8	2.1	1.3	1.4	1.1	6.0	6.3	5.3	8.5	6.1
West Virginia.....	4.4	2.5	2.4	1.7	1.9	9.5	10.7	13.2	9.3	6.2
Wisconsin.....	1.8	1.2	1.5	2.1	3.0	.9	.6	1.9	1.8	2.4
Hawaii.....	(9)	(9)	.3	(9)	.3	.5	1.8	4.8	5.7	11.3
Industrial policyholders, Metropolitan Life Insurance Co., ages 1 and over.....	2.5	2.6	2.8	3.2	2.5	2.0	2.5	3.8	4.3	5.7

  

State	Polio myelitis (16)					Meningococcus meningitis (18)				
	1934	1933	1932	1931	1930	1934	1933	1932	1931	1930
Total.....	0.6	0.6	0.7	1.0	1.1	0.8	1.0	1.3	2.1	3.1
Alabama.....	.6	.4	.2	.9	.8	.4	.4	.6	3.6	1.5
California.....	1.8	.2	.5	.8	2.8	.8	1.3	1.4	2.5	2.8
Connecticut.....	.1	.2	.4	5.5	1.1	.4	.5	.7	.7	.9
District of Columbia.....	.6	.4	1.2	.8	.6	1.0	2.2	2.6	5.7	2.0
Georgia.....	.8	.7	.9	1.2	1.1	.6	.4	.8	1.8	3.0
Idaho.....	3.3	.9	.2	.7	1.3	2.9	1.6	3.1	6.9	6.9
Illinois.....	.4	.4	.5	1.3	.7	1.5	2.7	2.0	3.2	2.4
Indiana.....	.7	.3	.2	.6	.7	.6	1.4	3.9	5.5	8.3
Iowa.....	.3	1.6	1.0	1.1	1.7	1.1	1.4	.9	2.6	3.3
Kansas.....	.6	.7	.6	.6	3.6	1.1	1.1	1.3	1.3	2.8
Louisiana.....	.4	.4	.5	.9	2.3	.6	1.2	1.2	2.3	3.6
Maryland.....	.3	.2	.3	.7	.4	.2	1.1	1.1	1.8	1.3
Michigan.....	.5	1	.5	2.2	.8	.5	.6	1.3	2.4	7.5
Minnesota.....	.8	1.3	.5	2.4	1.6	.8	1.2	.9	1.6	1.9
Mississippi.....	.9	.3	.8	.4	.5	.7	1.0	1.0	1.5	6.9
Montana.....	3.2	.4	1.1	2.8	1.1	1.7	.6	1.3	2.2	4.1
Nebraska.....	.6	.3	.9	.9	3.4	1.3	.6	.5	1.6	2.5
New Jersey.....	.3	.6	1.1	3.5	4	.5	.6	.8	1.8	1.8
New York.....	.3	1.1	.5	5.2	1.0	.6	.7	1.2	2.7	2.6
North Carolina.....	.4	.4	.5	.6	.4	.5	.3	.5	.6	.8
Ohio.....	.5	.8	.4	.8	1.6	.9	.5	.8	1.5	1.8
Pennsylvania.....	.3	.6	1.5	1.0	.5	.7	.9	1.3	1.9	2.2
Rhode Island.....	(9)	.1	.4	1.4	.1	.7	.4	.4	.9	.9
South Dakota.....	1.4	.9	1.1	2.3	1.6	.4	.1	.4	.3	.3
Tennessee.....	1.2	1.2	.6	.9	1.0	1.4	.9	1.4	4.3	9.6
Virginia.....	.7	.4	.7	.6	.8	1.5	1.0	1.1	1.8	2.3
West Virginia.....	1.0	1.2	.7	1.4	.6	2.1	.9	1.1	1.0	1.1
Wisconsin.....	.5	.4	.4	1.6	.9	.7	.5	.9	1.3	2.0
Hawaii.....	.3	.5	.8	.8	(9)	2.0	.8	2.9	2.3	4.3
Industrial policyholders, Metropolitan Life Insurance Co., ages 1 and over.....	.5	.6	1.0	2.6	1.1	-----	-----	-----	-----	-----

<sup>9</sup>No deaths.

TABLE 4.—Death rates for various causes per 100,000 population—Continued

State	Influenza (11)					Pneumonia, all forms (107-109)				
	1934	1933	1932	1931	1930	1934	1933	1932	1931	1930
Total.....	15.2	23.7	27.5	24.8	18.5	78.2	69.3	77.1	81.7	83.0
Alabama.....	27.0	32.7	48.4	40.7	35.5	81.6	59.1	66.0	83.4	85.8
California.....	5.2	13.8	18.3	13.6	9.1	54.0	61.8	64.1	66.5	73.0
Connecticut.....	7.4	21.5	15.3	17.3	13.5	63.9	73.6	66.0	72.3	88.4
District of Columbia.....	7.6	9.9	15.5	18.1	8.2	131.6	115.6	135.5	140.3	122.1
Georgia.....	32.9	41.5	39.0	44.1	32.2	100.5	76.3	82.9	82.9	84.1
Idaho.....	14.7	18.7	21.0	9.2	11.2	102.7	72.8	76.7	76.5	104.0
Illinois.....	10.6	15.4	24.0	20.3	11.7	74.9	63.3	67.4	69.1	63.5
Indiana.....	22.5	31.1	44.0	35.0	21.0	85.9	69.1	90.6	86.2	86.9
Iowa.....	17.9	33.3	35.8	25.7	26.9	77.0	74.1	78.9	66.8	79.6
Kansas.....	19.2	45.9	41.6	30.0	29.3	58.1	53.4	53.5	51.5	54.2
Louisiana.....	20.1	32.4	52.4	42.1	39.9	72.6	64.1	75.5	81.4	91.5
Maryland.....	8.7	17.4	20.1	20.6	10.3	96.5	93.6	103.0	126.3	118.2
Michigan.....	10.5	17.0	22.2	16.5	11.9	67.8	54.4	63.3	57.6	68.2
Minnesota.....	14.6	24.5	30.8	21.8	15.9	81.3	58.9	68.8	69.1	71.1
Mississippi.....	24.9	34.8	40.5	37.5	29.3	63.9	49.6	48.3	56.3	60.9
Montana.....	26.4	35.8	41.6	32.7	22.9	81.6	63.3	63.6	70.3	80.2
Nebraska.....	17.4	34.5	36.9	21.8	17.7	73.2	70.0	62.0	54.3	64.0
New Jersey.....	7.3	12.3	14.0	13.6	8.9	66.2	71.3	61.3	78.0	77.7
New York.....	6.7	12.9	13.0	13.4	8.4	83.9	91.4	96.7	105.6	101.9
North Carolina.....	21.6	28.8	20.5	33.4	24.4	102.1	64.9	80.7	87.1	92.9
Ohio.....	17.3	22.9	34.1	28.8	19.4	75.8	60.6	76.8	77.9	74.6
Pennsylvania.....	15.1	25.1	29.3	28.1	19.8	79.9	69.7	81.5	97.2	92.4
Rhode Island.....	7.5	17.4	11.3	13.9	8.1	70.6	76.1	93.8	98.8	94.3
South Dakota.....	29.1	45.1	28.9	26.0	24.4	83.5	61.0	46.6	55.4	58.1
Tennessee.....	35.6	39.7	54.1	37.0	31.3	96.2	77.4	87.1	84.5	88.9
Virginia.....	27.0	37.1	37.3	47.2	29.4	79.1	68.6	71.5	80.6	83.7
West Virginia.....	26.6	33.7	46.9	33.8	27.8	79.7	64.6	78.3	82.5	91.5
Wisconsin.....	11.6	25.6	28.5	18.1	30.7	67.6	51.4	66.5	65.4	72.6
Hawaii.....	14.6	7.4	11.3	11.0	10.5	117.1	97.8	100.1	102.3	118.2
Industrial policyholders, Metropolitan Life Insurance Co., ages 1 and over.....	10.2	18.8	17.7	19.2	13.2	56.4	54.8	56.7	62.1	62.7

  

State	Tuberculosis, all forms (23-32)					Cancer (45-53)				
	1934	1933	1932	1931	1930	1934	1933	1932	1931	1930
Total.....	54.3	56.6	60.0	64.7	68.0	107.9	104.1	102.1	98.9	97.8
Alabama.....	63.3	69.1	77.2	86.3	86.0	55.9	55.9	55.5	54.3	53.8
California.....	74.9	76.4	81.0	88.9	88.9	129.4	127.0	120.2	124.2	125.7
Connecticut.....	42.5	47.2	49.0	53.6	59.2	128.0	121.4	121.5	114.0	117.1
District of Columbia.....	122.5	124.6	121.5	120.2	116.8	152.5	149.5	146.7	135.2	136.7
Georgia.....	59.2	59.9	65.5	72.9	73.4	58.7	55.0	52.2	52.7	52.2
Idaho.....	28.8	31.0	28.6	29.8	32.9	75.4	82.6	76.6	66.4	61.4
Illinois.....	52.1	53.4	54.1	59.1	59.6	122.4	117.7	114.4	112.7	112.0
Indiana.....	54.2	56.9	59.9	61.1	65.9	114.8	109.7	110.8	106.1	104.6
Iowa.....	24.9	25.7	28.2	28.5	33.1	125.9	123.0	116.5	112.9	110.8
Kansas.....	26.9	30.3	32.5	37.0	36.8	113.0	108.1	104.2	97.0	96.4
Louisiana.....	74.5	73.0	72.7	81.5	84.1	71.6	71.8	67.1	68.2	68.0
Maryland.....	78.1	81.5	90.4	95.7	98.9	124.3	117.5	116.0	111.6	111.5
Michigan.....	43.1	46.5	48.2	53.3	59.8	101.0	96.9	93.3	90.6	90.7
Minnesota.....	34.9	37.9	39.2	40.0	46.3	130.7	131.1	124.2	121.3	119.1
Mississippi.....	54.2	59.9	62.6	72.1	78.4	50.6	49.5	50.2	48.7	46.8
Montana.....	49.2	50.3	55.0	61.3	62.3	87.5	91.4	92.9	74.5	78.9
Nebraska.....	21.7	21.6	20.3	24.6	24.5	109.0	101.4	100.6	98.5	100.9
New Jersey.....	52.8	56.7	60.6	65.1	69.3	123.2	119.6	112.9	113.4	107.1
New York.....	56.1	59.1	61.3	66.4	71.0	130.6	128.1	124.1	123.8	122.7
North Carolina.....	63.4	64.3	65.5	69.4	74.7	51.1	50.0	46.2	48.2	47.9
Ohio.....	51.0	53.6	54.9	62.0	63.0	115.8	111.2	110.5	100.8	105.2
Pennsylvania.....	47.2	48.4	52.5	56.4	59.9	106.8	102.8	102.1	98.9	94.9
Rhode Island.....	43.6	49.5	52.4	61.9	69.3	129.5	134.3	140.7	132.6	135.7
South Dakota.....	33.8	38.3	45.1	43.7	48.6	84.3	82.4	80.7	82.7	72.9
Tennessee.....	88.4	93.8	101.4	107.2	116.5	64.2	60.0	56.8	57.1	58.2
Virginia.....	72.9	77.3	81.0	87.0	85.0	74.5	72.3	67.9	64.3	61.6
West Virginia.....	54.2	53.8	55.4	59.8	65.4	67.6	67.5	62.0	57.7	59.4
Wisconsin.....	37.1	40.7	44.9	48.1	50.5	122.1	116.4	116.4	115.8	112.8
Hawaii.....	81.6	99.6	94.3	98.2	102.3	60.6	68.6	71.5	57.2	59.6
Industrial policyholders, Metropolitan Life Insurance Co., ages 1 and over.....	59.6	65.1	70.2	76.7	81.3	97.3	95.9	92.4	85.4	79.5

TABLE 4.—Death rates for various causes per 100,000 population—Continued

State	Diabetes mellitus (59)					Cerebral hemorrhage, apoplexy (82, a, b)				
	1934	1933	1932	1931	1930	1934	1933	1932	1931	1930
Total.....	22.9	21.9	22.0	20.6	19.3	80.4	79.6	81.0	80.0	80.5
Alabama.....	10.8	9.6	10.5	10.8	8.8	62.1	56.7	61.8	61.4	65.5
California.....	21.5	22.6	20.8	19.2	18.1	77.4	82.6	77.8	78.6	81.9
Connecticut.....	25.9	24.6	25.1	21.9	17.9					
District of Columbia.....	37.8	29.5	28.2	25.1	26.6	107.6	115.2	107.5	105.7	99.2
Georgia.....	13.0	11.7	11.6	10.9	11.6	76.6	72.6	80.0	84.8	90.1
Idaho.....	13.2	10.7	12.7	12.5	7.8	71.9	74.8	79.9	95.3	71.3
Illinois.....	27.7	26.1	26.3	25.6	22.1	71.1	72.4	73.0	73.0	74.7
Indiana.....	18.7	14.6	15.5	16.4	15.7	127.2	110.8	114.1	111.2	111.6
Iowa.....	24.9	19.5	16.0	19.8	21.0	110.4	112.1	109.0	111.2	95.8
Kansas.....	23.6	23.3	22.1	21.9	20.9	96.8	99.8	101.2	94.8	99.7
Louisiana.....	13.8	14.0	13.7	12.8	12.1	56.0	60.6	60.2	57.5	61.8
Maryland.....	23.3	23.6	25.7	23.0	21.3	102.1	103.0	112.6	108.6	105.1
Michigan.....	21.7	21.9	21.9	19.1	18.1	84.1	81.4	84.1	87.7	89.9
Minnesota.....	22.7	20.7	22.2	19.5	18.2	82.4	80.2	77.8	75.4	79.5
Mississippi.....	8.4	7.6	7.6	7.8	8.9	64.0	65.8	61.9	64.3	66.6
Montana.....	19.7	15.6	15.8	15.4	16.2	75.4	69.6	70.1	68.0	66.6
Nebraska.....	19.9	16.3	22.8	21.2	20.6	95.8	95.0	93.0	84.4	84.5
New Jersey.....	27.4	29.0	26.0	23.9	23.1	80.9	82.3	77.3	79.4	80.4
New York.....	30.8	30.4	29.9	28.2	26.9	48.6	52.4	51.5	52.0	53.2
North Carolina.....	11.4	10.7	10.7	10.6	10.0					
Ohio.....	24.3	23.2	24.2	21.7	21.7	111.9	106.9	110.3	109.1	107.7
Pennsylvania.....	26.8	25.7	25.7	24.7	21.9	84.3	84.9	85.7	87.0	87.1
Rhode Island.....	32.0	34.0	32.0	29.4	27.8	88.5	96.9	104.9	98.0	94.6
South Dakota.....	22.1	19.6	17.3	20.6	16.9	72.8	78.2	67.0	64.1	61.3
Tennessee.....	11.0	10.6	10.1	10.6	10.8	78.3	66.7	65.6	60.0	62.9
Virginia.....	17.2	14.8	15.8	14.9	14.3	96.0	96.6	91.0	97.7	95.8
West Virginia.....	11.4	11.4	13.0	11.7	12.5	79.2	68.5	76.1	67.9	63.7
Wisconsin.....	24.0	23.6	22.4	22.4	20.7	85.2	85.0	87.3	85.9	85.6
Hawaii.....	16.6	15.8	9.5	12.3	13.0	38.9	49.7	51.8	50.7	48.3
Industrial policyholders, Metropolitan Life Insurance Co., ages 1 and over.....	24.7	24.4	23.3	21.4	18.7	64.0	64.5	62.9	61.3	61.3

  

State	Heart diseases (90-95)					Nephritis (130-132)				
	1934	1933	1932	1931	1930	1934	1933	1932	1931	1930
Total.....	243.9	225.9	219.9	212.1	210.0	83.3	81.2	83.8	83.1	87.4
Alabama.....	147.2	124.8	117.9	116.9	134.0	80.4	78.4	84.7	88.2	100.4
California.....	283.3	274.6	252.2	253.4	239.7	76.0	78.7	80.6	80.9	84.0
Connecticut.....	219.5	209.7	208.1	203.0	183.6	87.9	85.3	87.8	88.3	73.2
District of Columbia.....	391.3	342.2	330.6	300.2	315.9	126.2	128.9	140.4	146.2	160.4
Georgia.....	167.3	134.0	139.9	132.8	138.0	109.1	105.0	109.6	107.4	127.0
Idaho.....	153.3	161.8	161.2	159.7	174.6	36.2	35.3	43.3	38.7	39.2
Illinois.....	267.1	254.5	231.6	232.1	223.1	103.6	102.6	108.8	107.2	105.8
Indiana.....	271.2	185.8	183.2	176.8	190.0	77.4	76.1	73.2	74.8	80.4
Iowa.....	209.8	196.3	198.3	200.7	195.8	60.7	65.5	65.4	64.4	65.6
Kansas.....	203.6	194.0	178.0	153.9	171.5	94.7	93.9	100.0	95.3	102.7
Louisiana.....	182.5	188.0	182.5	178.0	190.1	107.9	95.9	102.5	108.6	112.0
Maryland.....	263.7	256.5	256.5	251.0	245.2	137.5	144.5	138.4	139.2	149.6
Michigan.....	230.6	226.8	217.9	204.4	229.6	60.7	59.6	57.8	58.8	63.7
Minnesota.....	214.2	198.3	193.6	177.9	173.4	52.0	54.8	54.7	50.8	52.2
Mississippi.....	95.9	97.0	84.2	94.3	104.3	83.4	69.6	76.3	95.4	97.1
Montana.....	177.3	178.8	158.7	139.6	139.4	70.2	68.7	71.4	66.7	73.1
Nebraska.....	180.5	175.9	171.4	159.1	159.4	59.3	57.3	72.0	67.9	58.6
New Jersey.....	285.8	269.0	231.0	234.3	232.1	82.9	86.0	91.0	96.3	102.2
New York.....	308.2	289.9	294.2	288.0	275.9	80.8	76.7	74.8	73.4	71.4
Ohio.....	246.9	236.8	237.5	220.3	225.3	79.9	76.9	78.6	74.0	78.4
Pennsylvania.....	262.9	244.8	238.4	233.5	231.6	89.6	92.6	93.0	92.7	104.3
Rhode Island.....	294.3	276.8	264.7	245.8	260.6	105.8	111.9	117.2	112.5	103.3
South Dakota.....	143.3	145.1	150.3	127.4	123.5	61.8	50.1	41.7	39.1	45.7
Tennessee.....	146.8	136.3	133.6	128.1	129.2	63.2	62.4	67.2	69.6	75.9
Virginia.....	219.1	192.5	198.3	188.3	178.2	93.0	89.2	119.5	101.5	108.3
West Virginia.....	125.4	117.0	113.0	110.6	116.6	65.5	78.6	68.8	64.5	61.3
Wisconsin.....	232.1	223.7	217.4	203.1	204.8	67.6	65.7	66.5	67.7	67.4
Hawaii.....	98.5	115.9	100.1	105.7	121.4	65.5	77.0	60.2	68.4	66.9
Industrial policyholders, Metropolitan Life Insurance Co., <sup>1</sup> ages 1 and over.....	164.9	163.5	157.5	150.1	147.1	65.7	68.1	69.6	68.1	69.2

<sup>1</sup> Heart diseases in data on industrial policyholders exclude pericarditis, acute endocarditis, acute myocarditis, and angina pectoris; nephritis data for industrial policyholders include only chronic nephritis.

**DEATHS DURING WEEK ENDED APRIL 6, 1935**

[From the Weekly Health Index, issued by the Bureau of the Census, Department of Commerce]

	Week ended Apr. 6, 1935	Correspond- ing week, 1934
<b>Data from 86 large cities of the United States:</b>		
Total deaths.....	8,614	9,063
Deaths per 1,000 population, annual basis.....	12.0	12.6
Deaths under 1 year of age.....	598	646
Deaths under 1 year of age per 1,000 estimated live births.....	55	60
Deaths per 1,000 population, annual basis, first 14 weeks of year.....	12.7	12.7
<b>Data from industrial insurance companies:</b>		
Policies in force.....	67,690,476	67,704,011
Number of death claims.....	13,806	14,547
Death claims per 1,000 policies in force, annual rate.....	10.6	11.2
Death claims per 1,000 policies, first 14 weeks of year, annual rate.....	10.8	11.1



# PREVALENCE OF DISEASE

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring*

## UNITED STATES

### CURRENT WEEKLY STATE REPORTS

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers

Reports for Weeks Ended Apr. 13, 1935, and Apr. 14, 1934

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Apr. 13, 1935, and Apr. 14, 1934

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934
<b>New England States:</b>								
Maine.....	4	2		3	223	33	0	0
New Hampshire.....			3		7	164	0	0
Vermont.....	3				11	94	0	0
Massachusetts.....	7	20			530	2,257	0	2
Rhode Island.....					183	5	1	0
Connecticut.....	5	3	7	6	1,779	55	2	2
<b>Middle Atlantic States:</b>								
New York.....	29	60	15	111	2,937	1,260	9	0
New Jersey.....	27	12	7	13	1,488	673	0	2
Pennsylvania.....	49	68			4,816	5,499	10	3
<b>East North Central States:</b>								
Ohio.....	46	23	123	81	2,417	1,191	22	1
Indiana.....	11	26	30	30	284	1,130	3	3
Illinois.....	53	22	35	15	3,017	1,784	17	6
Michigan.....	6	13	2	1	5,420	179	0	0
Wisconsin.....	2	2	60	27	1,733	1,255	4	1
<b>West North Central States:</b>								
Minnesota.....	9	6	3	1	1,230	263	1	0
Iowa.....	16	12	2	10	679	350	8	3
Missouri.....	18	71	141	101	741	729	5	6
North Dakota.....	3	4	1	1	57	117	0	0
South Dakota.....	5	12	1		42	336	0	0
Nebraska.....	3	1	28		587	324	5	1
Kansas.....	13	9	5	1	1,619	359	2	1
<b>South Atlantic States:</b>								
Delaware.....		2		1	10	140	0	0
Maryland.....	6	2	9	18	79	1,985	5	0
District of Columbia.....	16	11	1		50	329	4	0
Virginia.....	11	17			769	1,377	10	7
West Virginia.....	17	6	69	21	623	166	2	2
North Carolina.....	15	19	9	28	253	2,343	4	2
South Carolina.....	4	8	221	420	42	695	0	0
Georgia.....	7	10	55			757	0	0
Florida.....	9	4	2	1	82	569	0	0

See footnotes at end of table.

*Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Apr. 13, 1935, and Apr. 14, 1934—Continued*

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934
<b>East South Central States:</b>								
Kentucky.....	14	16	21	20	672	344	7	1
Tennessee.....	10	12	68	80	82	702	4	3
Alabama.....	9	17	76	48	286	811	3	0
Mississippi.....	5	4					3	2
<b>West South Central States:</b>								
Arkansas.....	4	10	24	10	75	176	2	2
Louisiana.....	18	21	117	5	100	365	1	0
Oklahoma.....	7	4	94	52	259	453	6	3
Texas.....	36	78	250	350	270	1,605	7	1
<b>Mountain States:</b>								
Montana.....	7	1	42	247	439	109	0	0
Idaho.....			4		17	96	0	0
Wyoming.....					106	44	0	0
Colorado.....	5	4			315	343	0	1
New Mexico.....	3	3	16	25	28	105	1	1
Arizona.....		3	38	2	21	71	0	0
Utah.....				4	12	438	0	0
<b>Pacific States:</b>								
Washington.....	1	3	1		228	121	2	0
Oregon.....	2		35	43	232	142	4	0
California.....	20	36	57	35	1,645	688	9	2
<b>Total.....</b>	<b>535</b>	<b>657</b>	<b>1,662</b>	<b>1,712</b>	<b>36,515</b>	<b>33,002</b>	<b>158</b>	<b>58</b>
<b>First 15 weeks of year.....</b>	<b>10,488</b>	<b>12,441</b>	<b>95,046</b>	<b>39,087</b>	<b>388,695</b>	<b>377,601</b>	<b>1,984</b>	<b>839</b>

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid fever	
	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934
<b>New England States:</b>								
Maine.....	0	0	18	30	0	0	7	3
New Hampshire.....	0	0	16	6	0	0	1	0
Vermont.....	0	0	9	8	0	0	0	0
Massachusetts.....	0	0	238	302	0	0	2	1
Rhode Island.....	0	0	13	12	0	0	0	0
Connecticut.....	0	0	105	64	0	0	1	1
<b>Middle Atlantic States:</b>								
New York.....	0	1	1,362	739	0	0	6	8
New Jersey.....	0	0	194	218	0	0	0	0
Pennsylvania.....	0	1	755	774	0	0	8	14
<b>East North Central States:</b>								
Ohio.....	0	1	895	981	2	1	4	2
Indiana.....	0	0	145	210	0	1	1	12
Illinois.....	1	2	1,397	570	2	5	9	6
Michigan.....	1	0	368	904	0	0	4	1
Wisconsin.....	2	1	477	216	20	22	2	0
<b>West North Central States:</b>								
Minnesota.....	1	0	304	60	6	6	0	0
Iowa.....	0	0	72	58	0	1	0	0
Missouri.....	0	0	41	80	0	7	1	3
North Dakota.....	0	0	76	67	3	0	0	1
South Dakota.....	0	0	14	11	14	15	0	0
Nebraska.....	1	1	36	28	44	18	0	0
Kansas.....	0	0	75	95	21	3	1	1
<b>South Atlantic States:</b>								
Delaware.....	0	0	17	8	0	0	0	2
Maryland.....	1	0	125	91	0	0	3	2
District of Columbia.....	0	0	74	14	0	0	0	2
Virginia.....	0	0	46	35	0	0	3	3
West Virginia.....	0	0	97	72	0	0	14	3
North Carolina.....	1	2	22	22	1	1	1	0
South Carolina.....	0	0	6	4	0	1	3	5
Georgia.....	0	0	8	15	0	0	7	8
Florida.....	0	0	3	6	0	0	0	1

See footnotes at end of table.

*Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Apr. 13, 1935, and Apr. 14, 1934.—Continued*

Division and State	Polio-myelitis		Scarlet fever		Smallpox		Typhoid fever	
	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934	Week ended Apr. 13, 1935	Week ended Apr. 14, 1934
East South Central States:								
Kentucky.....	2	0	41	46	1	1	10	4
Tennessee.....	0	1	33	31	0	0	8	3
Alabama <sup>1</sup> .....	0	0	7	6	5	0	3	8
Mississippi <sup>2</sup> .....	1	0	7	6	0	6	6	2
West South Central States:								
Arkansas.....	0	0	1	4	0	3	0	2
Louisiana.....	1	0	7	17	1	0	22	13
Oklahoma <sup>3</sup> .....	0	0	8	7	0	1	2	8
Texas <sup>4</sup> .....	1	1	85	86	10	24	6	10
Mountain States:								
Montana.....	0	0	10	5	0	1	0	0
Idaho <sup>5</sup> .....	0	1	11	2	0	2	0	0
Wyoming <sup>6</sup> .....	1	0	4	5	7	7	0	0
Colorado <sup>7</sup> .....	0	0	215	27	4	6	1	1
New Mexico.....	0	0	5	9	5	0	0	1
Arizona.....	0	0	24	15	0	0	0	0
Utah <sup>8</sup> .....	0	0	95	10	0	2	0	0
Pacific States:								
Washington.....	2	1	56	50	15	5	1	2
Oregon.....	0	1	54	26	4	4	3	3
California.....	6	6	234	212	4	1	4	6
Total.....	22	20	7,905	6,273	169	144	144	142
First 15 weeks of year.....	378	306	107,855	91,070	2,918	2,201	1,940	2,228

<sup>1</sup> New York City only.

<sup>2</sup> Week ended earlier than Saturday.

<sup>3</sup> Typhus fever, week ended Apr. 13, 1935, 9 cases, as follows: Georgia, 5; Alabama, 1; Texas, 3.

<sup>4</sup> Exclusive of Oklahoma City and Tulsa.

<sup>5</sup> Rocky Mountain spotted fever; week ended Apr. 13, 1935, 6 cases, as follows: Idaho, 1; Wyoming, 1; Colorado, 4.

## SUMMARY OF MONTHLY REPORTS FROM STATES

The following summary of cases reported monthly by States is published weekly and covers only those States from which reports are received during the current week.

State	Menin- gococ- cus menin- gitis	Diph- theria	Influ- enza	Malaria	Measles	Pel- lagra	Polio- mye- litis	Scarlet fever	Small- pox	Ty- phoid fever
<i>March 1935</i>										
California.....	34	170	767	7	4,897	7	32	1,197	21	21
District of Columbia.....	47	84	15		215		1	453	0	0
Florida.....	2	27	93	14	261	3	0	20	12	10
Georgia.....	3	41	1,128	131	101	37	1	36	7	13
Iowa.....	8	40	69		5,509		1	367	9	15
Massachusetts.....	9	29			1,874	1	1	1,067	0	6
New Hampshire.....	1		19				0	73	0	0
New Mexico.....	11	22	70	4	105	2	0	57	11	17
North Carolina.....	12	55	244		2,354	53	4	153	0	7
Vermont.....		2			37		0	111	0	1

March 1935		March 1935		March 1935	
Cases		Cases		Cases	
Aetinomyosis:		Hookworm disease:		Septic sore throat—Con.	
California.....	2	Massachusetts.....	1	New Mexico.....	3
Botulism:		Georgia.....	2,858	North Carolina.....	3
California.....	1	Jaundice, epidemic:		Tetanus:	
Chicken pox:		California.....	2	California.....	6
California.....	4,251	Lead poisoning:		Georgia.....	1
District of Columbia.....	327	Massachusetts.....	12	Trachoma:	
Florida.....	595	Leprosy:		California.....	8
Georgia.....	502	California.....	1	Massachusetts.....	3
Iowa.....	233	Mumps:		North Carolina.....	2
Massachusetts.....	1,148	California.....	1,363	Trichinosis:	
New Mexico.....	114	Florida.....	169	California.....	8
North Carolina.....	691	Georgia.....	284	Massachusetts.....	4
Vermont.....	79	Iowa.....	689	Tularaemia:	
Dengue:		Massachusetts.....	532	California.....	1
Florida.....	12	New Mexico.....	197	Georgia.....	9
Dysentery:		Vermont.....	17	Typhus fever:	
California (amoebic)....	19	Ophthalmia neonatorum:		Florida.....	1
California (bacillary)....	4	California.....	1	Georgia.....	8
Florida (amoebic).....	1	Massachusetts.....	106	North Carolina.....	7
Georgia (amoebic).....	3	New Mexico.....	1	Undulant fever:	
Georgia (bacillary).....	2	North Carolina.....	2	California.....	11
Massachusetts (amoebic)...	2	Paratyphoid fever:		Florida.....	1
Massachusetts (bacillary)...	2	California.....	3	Georgia.....	5
Massachusetts (bacillary)...	4	Iowa.....	1	Iowa.....	7
New Mexico (amoebic)....	1	Massachusetts.....	1	Massachusetts.....	2
Epidemic encephalitis:		Puerperal septicemia:		North Carolina.....	3
Massachusetts.....	2	New Mexico.....	3	Vermont.....	5
Food poisoning:		Rabies in animals:		Vincent's infection:	
California.....	7	California.....	98	Iowa.....	1
German measles:		Massachusetts.....	54	Whooping cough:	
California.....	2,332	Rabies in man:		California.....	676
Iowa.....	71	Massachusetts.....	1	Florida.....	58
Massachusetts.....	5,120	Scabies:		Georgia.....	81
New Mexico.....	190	Iowa.....	1	Iowa.....	69
North Carolina.....	131	Septic sore throat:		Massachusetts.....	777
Vermont.....	411	California.....	5	New Mexico.....	145
Granuloma, coccidioidal:		Georgia.....	35	North Carolina.....	1,679
California.....	3	Massachusetts.....	38	Vermont.....	193

### CASES OF VENEREAL DISEASES REPORTED FOR FEBRUARY 1935

This statement is published monthly for the information of health officers in order to furnish current data as to the prevalence of the venereal diseases. The figures are taken from reports received from State health officers. They are preliminary and are, therefore, subject to correction. It is hoped that the publication of these reports will stimulate more complete reporting of these diseases.

State	Syphilis		Gonorrhea	
	Cases reported during month	Monthly case rates per 10,000 population	Cases reported during month	Monthly case rates per 10,000 population
Alabama.....	351	1.30	82	0.90
Arizona.....	51	1.13	150	3.31
Arkansas.....	345	1.84	153	.82
California.....	1,488	2.45	1,128	1.86
Colorado <sup>1</sup> .....				
Connecticut.....	192	1.17	117	.71
Delaware.....	158	6.56	23	1.16
District of Columbia.....	135	2.73	79	1.69
Florida.....	498	3.20	180	1.16
Georgia.....	996	3.42	545	1.87
Idaho.....	0		0	
Illinois.....	1,160	1.48	1,023	1.31
Indiana.....	311	.95	112	.34
Iowa <sup>2</sup> .....	122	.49	154	.62
Kansas.....	79	.42	72	.38
Kentucky.....	212	.80	274	1.03
Louisiana.....	213	.99	144	.67
Maine.....	42	.52	35	.44
Maryland.....	785	4.72	152	.91
Massachusetts.....	379	.88	369	.83
Michigan.....	523	1.64	466	.92
Minnesota.....	299	1.15	243	.94
Mississippi.....	1,099	5.22	1,767	8.63
Missouri.....	775	2.11	286	.78
Montana <sup>2</sup> .....	31	.53	43	.80
Nebraska.....	33	.24	69	.50
Nevada <sup>1</sup> .....				

See footnotes at end of table.

# CASES OF VENEREAL DISEASES REPORTED FOR FEBRUARY 1935— Continued

State	Syphilis		Gonorrhea	
	Cases reported during month	Monthly case rates per 10,000 population	Cases reported during month	Monthly case rates per 10,000 population
New Hampshire.....	5	.11	20	.43
New Jersey <sup>1</sup> .....				
New Mexico <sup>1</sup> .....	40	.92	28	.65
New York <sup>1</sup> .....	1,311	1.01	569	.44
North Carolina.....	927	2.83	252	.77
North Dakota <sup>1</sup> .....				
Ohio <sup>1</sup> .....	532	.78	196	.29
Oklahoma <sup>1</sup> .....	195	.94	170	.82
Oregon.....	101	1.03	64	.65
Pennsylvania.....	288	.29	193	.20
Rhode Island.....	64	.91	58	.83
South Carolina <sup>1</sup> .....	226	1.29	365	2.09
South Dakota.....	6	.09	42	.60
Tennessee <sup>1</sup> .....	449	1.69	265	.99
Texas.....	841	1.40	206	.34
Utah <sup>1</sup> .....				
Vermont.....	21	.58	19	.53
Virginia.....	360	1.47	232	.95
Washington.....	191	1.19	147	.92
West Virginia <sup>1</sup> .....				
Wisconsin <sup>1</sup> .....	29	.10	127	.42
Wyoming <sup>1</sup> .....				
Total.....	15,833	1.36	10,615	.91

<sup>1</sup> Not reporting.<sup>2</sup> Incomplete.<sup>3</sup> Has been reporting regularly but no report received for current month.<sup>4</sup> Only cases of syphilis in the infectious stage are reported.

NOTE.—Surveys in which all medical sources have been contacted in representative communities throughout the United States have revealed that the monthly rate per 10,000 population is 6.6 for syphilis and 10.2 for gonorrhea.

## WEEKLY REPORTS FROM CITIES

City reports for week ended Apr. 6, 1935

[This table summarizes the reports received regularly from a selected list of 121 cities for the purpose of showing a cross section of the current urban incidence of the communicable diseases listed in the table. Weekly reports are received from about 700 cities, from which the data are tabulated and filed for reference.]

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Small-pox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths all causes
		Cases	Deaths								
Maine:											
Portland.....	0	1	0	0	1	3	0	0	3	1	26
New Hampshire:											
Concord.....	0		0	0	0	2	0	1	0	0	18
Nashua.....	0			1		1	0		0	0	
Vermont:											
Barre.....	0		0	0	2	0	0	0	0	4	2
Burlington.....	0		0	46	0	3	0	0	0	0	8
Massachusetts:											
Boston.....	0		2	42	27	51	0	9	0	19	240
Fall River.....	1		0	20	7	4	0	0	0	5	35
Springfield.....	0		0	220	0	17	0	1	0	9	34
Worcester.....	0		0	3	7	19	0	3	0	10	53
Rhode Island:											
Pawtucket.....	0		0	1	0	1	0	0	0	0	16
Providence.....	2		0	185	2	0	0	3	0	7	53
Connecticut:											
Bridgeport.....	1		5	7	5	11	0	1	0	0	42
Hartford.....	0		0	35	4	16	0	1	0	2	61
New Haven.....	0		0	604	6	1	0	0	0	0	30
New York:											
Buffalo.....	0		0	170	14	52	0	6	0	19	124
New York.....	34	7	7	1,457	147	829	0	84	2	284	1,540
Rochester.....	0		0	244	3	17	0	1	0	15	70
Syracuse.....	0		0	396	7	6	0	1	0	9	58



## City reports for week ended Apr. 6, 1935—Continued

State and city	Diph- theria cases	Influenza		Mea- sles cases	Pneu- monia deaths	Scar- let fever cases	Small- pox cases	Tuber- culosis deaths	Ty- phoid fever cases	Whoop- ing cough cases	Deaths, all causes
		Cases	Deaths								
New Jersey:											
Camden.....	14	2	1	1	3	10	0	0	0	1	27
Newark.....	0	1	1	315	9	12	0	7	0	69	103
Trenton.....	0	2	0	23	0	6	0	5	0	0	35
Pennsylvania:											
Philadelphia.....	3	9	5	30	38	134	0	28	0	60	506
Pittsburgh.....	6	6	3	748	21	51	0	8	0	15	163
Reading.....	0	0	0	36	0	0	0	1	0	0	23
Scranton.....	0	0	0	92	0	5	0	0	0	0	0
Ohio:											
Cincinnati.....	3	0	2	3	14	28	0	10	0	4	156
Cleveland.....	9	48	1	509	21	46	0	11	0	40	201
Columbus.....	4	3	3	81	7	40	0	3	0	1	93
Toledo.....	0	1	1	105	9	9	0	4	0	18	70
Indiana:											
Fort Wayne.....	0	0	0	0	1	2	0	0	0	3	2
Indianapolis.....	3	0	0	30	13	24	0	4	0	13	93
South Bend.....	0	0	0	0	2	8	0	0	0	0	18
Terre Haute.....	0	0	0	0	0	0	0	0	0	0	19
Illinois:											
Chicago.....	19	4	4	1,705	59	713	0	38	0	86	709
Springfield.....	2	0	0	19	2	12	0	1	0	2	21
Michigan:											
Detroit.....	8	0	3	2,775	37	167	0	24	3	115	314
Flint.....	3	0	0	122	7	22	0	0	0	0	27
Grand Rapids.....	0	0	0	214	1	12	0	0	0	16	28
Wisconsin:											
Kenosha.....	0	0	0	135	0	15	0	0	0	8	10
Milwaukee.....	3	0	0	252	7	145	0	2	1	47	90
Racine.....	0	1	1	68	0	20	0	0	0	10	10
Superior.....	0	0	0	121	0	0	0	0	0	0	4
Minnesota:											
Duluth.....	0	0	0	0	4	0	0	1	0	0	17
Minneapolis.....	2	1	1	539	12	118	0	2	0	47	121
St. Paul.....	1	0	0	12	15	46	2	2	0	15	65
Iowa:											
Davenport.....	1	0	0	0	0	3	0	0	0	0	0
Des Moines.....	1	0	0	1,453	0	2	0	0	0	0	33
Sioux City.....	2	0	0	6	0	0	0	0	0	7	0
Waterloo.....	7	0	0	4	0	6	0	0	0	0	0
Missouri:											
Kansas City.....	1	0	0	177	5	11	0	2	0	1	109
St. Joseph.....	1	0	0	3	6	0	0	2	0	0	29
St. Louis.....	6	1	0	35	10	16	0	5	2	2	207
North Dakota:											
Fargo.....	0	0	0	0	0	17	0	0	0	6	3
Grand Forks.....	0	0	0	0	0	2	0	0	0	0	0
South Dakota:											
Aberdeen.....	0	0	0	12	0	0	0	0	0	0	0
Nebraska:											
Omaha.....	4	0	0	56	10	7	1	2	0	2	52
Kansas:											
Topeka.....	0	0	0	509	1	0	0	0	0	3	20
Wichita.....	0	0	0	0	0	0	0	0	0	0	0
Delaware:											
Wilmington.....	2	0	0	18	4	11	0	0	0	0	28
Maryland:											
Baltimore.....	1	2	15	31	31	67	0	17	0	27	221
Cumberland.....	1	0	11	0	0	3	0	0	0	0	10
Frederick.....	0	0	0	0	0	0	0	0	0	0	7
District of Columbia:											
Washington.....	18	5	1	72	27	113	0	11	0	2	186
Virginia:											
Lynchburg.....	1	0	0	56	1	1	0	0	0	26	12
Norfolk.....	0	0	0	25	3	3	0	0	0	4	32
Richmond.....	0	0	0	134	1	10	0	3	0	0	47
Roanoke.....	0	0	0	28	0	0	0	2	0	0	24
West Virginia:											
Charleston.....	0	0	0	15	1	3	0	0	1	6	11
Huntington.....	0	0	0	8	0	7	0	0	0	0	0
Wheeling.....	0	0	0	109	2	14	0	0	0	7	19
North Carolina:											
Raleigh.....	3	0	0	4	4	0	0	1	0	3	10
Wilmington.....	0	0	0	0	0	1	0	1	0	0	8
Winston-Salem.....	0	1	1	0	3	1	0	2	0	28	13

## City reports for week ended Apr. 6, 1935—Continued

State and city	Diph- theria cases	Influenza		Meas- les cases	Pneu- monia deaths	Scar- let fever cases	Small- pox cases	Tuber- culosis deaths	Ty- phoid fever cases	Whoop- ing cough cases	Deaths, all causes
		Cases	Deaths								
South Carolina:											
Charleston	0	12	0	0	1	1	0	1	0	0	19
Columbia	0		0	0	3	0	0	0	0	0	10
Greenville	0		0	0	4	1	0	0	0	0	12
Georgia:											
Atlanta	0	9	1	1	9	3	0	4	0	8	83
Brunswick	0		0	0	0	0	0	0	0	0	4
Savannah	1	9	0	0	3	0	0	2	3	0	25
Florida:											
Miami	0		2	1	1	2	0	1	0	0	24
Tampa	2		0	44	1	1	0	0	0	5	32
Kentucky:											
Ashland	0			4		0	0		0	0	
Lexington	1		0	5	1	0	0	2	0	4	17
Louisville	2	3	0	512	10	16	10	3	0	29	79
Tennessee:											
Memphis	2		4	0	9	9	0	7	0	14	87
Nashville	2		1	3	5	7	0	1	0	0	32
Alabama:											
Birmingham	2	4	2	70	11	4	0	4	0	3	74
Mobile	0		1	3	2	1	0	2	0	0	21
Montgomery	0	1		18		0	0		1	2	
Arkansas:											
Fort Smith											
Little Rock	2		1	39	8	0	0	1	0	3	11
Louisiana:											
New Orleans	9	7	1	35	10	5	0	21	1	1	143
Shreveport	0		0	1	6	1	0	1	1	2	25
Oklahoma:											
Oklahoma City	0	5	1	10	4	1	0	0	0	0	40
Tulsa	0			0		1	0		0	7	
Texas:											
Dallas	3	2	2		5	2	0	5	0	1	56
Fort Worth	0		3		3	1	0	1	0	0	43
Galveston	0		0	2	0	0	0	1	0	0	11
Houston	6		2	3	3	3	2	4	0	0	66
San Antonio	2		4	0	11	1	0	4	0	0	65
Montana:											
Billings	1		0	3	0	0	0	0	0	0	16
Great Falls	0		0	60	4	0	0	1	0	0	11
Helena	0		0	10	1	0	0	0	0	7	3
Missoula	0		0	100	1	0	0	0	0	0	4
Idaho:											
Boise	0		0	2	0	2	0	0	0	0	4
Colorado:											
Denver	2	53	1	208	12	197	2	5	0	14	86
Pueblo	0		1	118	3	13	0	1	0	16	11
New Mexico:											
Albuquerque	0		0	2	0	1	0	6	0	2	16
Utah:											
Salt Lake City	0		0	5	3	87	0	2	0	83	35
Nevada:											
Reno	0		0	1	1	1	0	0	0	0	2
Washington:											
Seattle	0		0	103	4	21	5	5	0	9	99
Spokane	0	1	1	108	0	4	0	1	0	2	26
Tacoma	0		0	0	5	3	3	2	0	0	38
Oregon:											
Portland	0		0	146	2	11	1	1	0	2	77
Salem	0	1		2		1	0		0	4	
California:											
Los Angeles	10	35	2	44	17	49	3	19	0	26	333
Sacramento	1		0	79	1	19	0	0	1	0	22
San Francisco	0		0	33	9	23	0	9	0	11	165

## City reports for week ended Apr. 6, 1935—Continued

State and city	Meningococcus meningitis		Polio-myelitis cases	State and city	Meningococcus meningitis		Polio-myelitis cases
	Cases	Deaths			Cases	Deaths	
Massachusetts:				District of Columbia:			
Worcester.....	0	1	0	Washington.....	10	3	1
Rhode Island:				West Virginia:			
Providence.....	0	1	0	Huntington.....	1	0	0
New York:				South Carolina:			
New York.....	26	11	0	Charleston.....	1	1	0
Rochester.....	0	1	0	Florida:			
Pennsylvania:				Miami.....	1	0	0
Pittsburgh.....	2	0	0	Kentucky:			
Reading.....	1	0	0	Louisville.....	1	0	0
Ohio:				Tennessee:			
Cincinnati.....	3	4	0	Nashville.....	1	0	0
Cleveland.....	1	0	1	Alabama:			
Columbus.....	4	2	0	Birmingham.....	1	0	0
Indiana:				Oklahoma:			
Indianapolis.....	1	0	0	Tulsa.....	1	0	0
Terre Haute.....	1	1	0	Texas:			
Illinois:				Dallas.....	1	0	0
Chicago.....	16	3	0	Montana:			
Michigan:				Billings.....	1	0	0
Detroit.....	0	2	0	Colorado:			
Wisconsin:				Denver.....	1	0	0
Milwaukee.....	3	1	0	Pueblo.....	3	0	0
Minnesota:				New Mexico:			
Minneapolis.....	1	1	0	Albuquerque.....	1	0	0
Iowa:				Washington:			
Davenport.....	1	0	0	Seattle.....	1	0	0
Des Moines.....	2	0	0	Oregon:			
Sioux City.....	1	0	0	Portland.....	2	3	0
Missouri:				California:			
Kansas City.....	1	2	0	Los Angeles.....	5	0	3
St. Louis.....	5	0	0				
Nebraska:							
Omaha.....	1	1	0				
Maryland:							
Baltimore.....	2	1	0				

*Dengue*.—Miami, 1 case.

*Epidemic encephalitis*.—Cases: New York, 1; Pittsburgh, 1; Detroit, 1; Kansas City, Mo., 1; St. Louis, 1; Nashville, 1.

*Pellagra*.—Cases: Wilmington, N. C., 2; Winston-Salem, 1; Charleston, S. C., 4; Atlanta, 1; Tampa, 1; San Francisco, 2.

*Typhus fever*.—Atlanta, 2 cases.

## FOREIGN AND INSULAR

### ARGENTINA

*Poliomyelitis*.—According to a report dated March 29, 1935, there was an outbreak of poliomyelitis in Concordia, Entre Rios Province, Argentina. Cases of the disease had also been reported in Santa Fe, Cordoba, El Chaco, and Corrientes Provinces. The National Department of Health had received official notification of 28 cases of the disease, with 2 deaths.

### ITALY

*Communicable diseases—4 weeks ended November 11, 1934*.—During the 4 weeks ended November 11, 1934, certain communicable diseases were reported in Italy, as follows:

Disease	Oct. 15-21		Oct. 22-28		Oct. 29-Nov. 4		Nov. 5-11	
	Cases	Com-munes affected	Cases	Com-munes affected	Cases	Com-munes affected	Cases	Com-munes affected
Anthrax.....	30	25	30	22	22	20	17	16
Cerebrospinal meningitis.....	8	6	6	3	8	4	8	7
Chicken pox.....	104	44	134	54	134	65	329	102
Diphtheria and croup.....	802	389	915	426	723	369	797	395
Dysentery.....	33	17	34	21	17	11	20	15
Lethargic encephalitis.....			2	2	2	2	1	1
Measles.....	800	189	1,285	204	1,104	200	1,467	230
Poliomyelitis.....	22	20	25	19	18	16	17	15
Scarlet fever.....	573	190	552	205	505	210	601	183
Typhoid fever.....	1,213	533	1,020	493	852	445	847	431

### VIRGIN ISLANDS

*Notifiable diseases—January–March 1935*.—During the months of January, February, and March 1935, cases of certain notifiable diseases were reported in the Virgin Islands, as follows:

Disease	January	February	March	Disease	January	February	March
Filariasis.....	11	5	2	Sprue.....		1	3
Gonorrhea.....	3	4	7	Syphilis.....	4	21	2
Hookworm disease.....		2	3	Tetanus.....		1	1
Malaria.....	7	1		Tuberculosis.....	5	4	4
Pellagra.....	2	1	1				











## PLAGUE—Continued

[C indicates cases; D, deaths; P, present]

Place	Week ended—												
	January 1935				February 1935				March 1935				
	5	12	19	26	2	9	16	23	2	9	16	23	30
Slam:													
Prachin—Nagara Nayok.....													
Nagara Rajshim.....													
Rajpuri.....													
South-West Africa: <sup>3</sup>													
Tunisia: Tunis—Plague-infected rats.....	1									1			
Union of South Africa:													
Cape Province.....					3	3							
Orange Free State.....						39							
On vessel: S. S. <i>Barjora</i> at Rangoon from	1												
Moulmein.....	1												
Argentina (see also table above).....	11						C	291	444	431	381		
Santa Fe.....	2						C	253	422	410	364		
Azores.....							C			2	5		
British East Africa (see also table above):							C	2	3	1	1		
Kenya.....	5						C	17	13	4	2	2	1
Uganda.....	54						C	1					
China: Kwangchowan.....							C	1					
Indo-China (see also table above):							C	1					
Cambodia.....	3						C	18	8	4		1	
Cochin-China.....	1						C	26	21	3	1		

<sup>10</sup> For 4 weeks.<sup>10</sup> Reports incomplete.

## SMALLPOX

[C indicates cases; D, deaths; P, present]

Place	Aug. 26- Sept. 29, 1934	Sept. 30- Oct. 27, 1934	Oct. 28- Nov. 29, 1934	Nov. 25- Dec. 29, 1934	Week ended—												
					January 1935				February 1935				March 1935				
					5	12	19	26	2	9	16	23	2	9	16	23	30
Algeria:																	
Algiers Department.....		1									1						
Constantine Department.....	1	1															
Angola (See table below.).....																	
Belgian Congo (see also table below).....	5		102					5									
Bolivia. (See table below.).....																	
Brazil:																	
Porto Alegre (alastrim).....	2	1															
Recife.....				1													
Sergipe State.....			P														
British East Africa:																	
Kenya.....	116	30	17	13													
Tanganyika.....	43	18	14	63				2			3						
British Somaliland.....	7	7	5					8	11		10	8	2	2			
British South Africa:																	
Northern Rhodesia.....	16										25						
Southern Rhodesia.....	1	2		1													
Canada:																	
Alberta.....			2	1													
Manitoba.....	11	11															
Ontario.....			1							11		11					
Saskatchewan.....		2	1														
Canary Islands: Santa Cruz de Tenerife.....				3													
Ceylon:																	
Colombo.....	17	3	11	12				3	1								
Galle.....															10		
China:																	
Amoy.....			1					1									
Canton.....			3	9				2	1	3	1	2		2	1		
Dairen.....				2				4			1						
Foochow.....	2		P	P				P		P	P				P		
Hankow.....	P	P		16				10	10	2	2	1	2	2	2		
Hong Kong.....	1	1	2	2				1	4	1	5	2	1	6	3	2	1

! For 2 weeks.

! A report dated Mar. 7, 1935, states that from Jan. 31, 1934, 20 cases of smallpox were reported at Welitara, Ceylon.





[illegible]

## SMALLPOX—Continued

[C indicates cases; D, deaths; P, present.]

Place	Week ended—												
	January 1935				February 1935				March 1935				
	Aug. 26- Sept. 29, 1934	Sept. 30- Oct. 27, 1934	Oct. 28- Nov. 29, 1934	Nov. 25- Dec. 29, 1934	5	12	19	26	2	9	16	23	30
Liberia. <sup>4</sup>													
Lithuania. (See table below.)													
Mexico:													
Chihuahua	1		2	17		5	1	1		1	5	2	15
Chihuahua, Ciudad													1
Mazatlan	8	6					7	17	24	31	36	17	
Mexico, D. F.													
Monterrey						4	9						
San Luis Potosi													
Tehuacan				1									
Tehuacan, S.													
Vera Cruz													31
Morocco. (See table below.)													
Mozambique. (See table below.)													
Nigeria	215	159	115	328	8		52	18	55	171	78		
Lagos	5												
Nyasaland. (See table below.)													
Palestine				1				2		4			
Peru. (See table below.)													
Poland	1	1	1	1									
Portugal (see also table below):													
Lisbon		2	2	1									
Oporto	1		1	1									
Portuguese East Africa. (See table below.)													
Salvador	12	13	10	28									
Sierra Leone	32	4	13	20	8	3	12	1		1			
Sierra Leone, Freetown	385	214	160	172									
Sierra Leone, Freetown, Freetown	20	22	105	78	7	4	3	2	133	1	102	195	
Straits Settlements: Singapore	1	1	1	12	2	5	5	1	5	2	1	1	
Sudan (Anglo-Egyptian)													
Syria:													
Damascus			33	49									
Provinces	78	51	116	114	1	18	9		3	1		2	
Trans-Jordan													
Tunisia						5							











## YELLOW FEVER

[C indicates cases; D, deaths; P, present]

Place	Week ended—														
	August 1934			September 1934			October 1934			November 1934			December 1934		
	Aug. 26-30, 1934	Sept. 3-7, 1934	Sept. 10-14, 1934	Sept. 17-21, 1934	Sept. 24-28, 1934	Oct. 1-5, 1934	Oct. 8-12, 1934	Oct. 15-19, 1934	Oct. 22-26, 1934	Oct. 29-Nov. 2, 1934	Nov. 5-9, 1934	Nov. 12-16, 1934	Nov. 19-23, 1934	Nov. 26-30, 1934	Dec. 3-7, 1934
Brazil:															
Goyaz State. <sup>1</sup>															
Mato Grosso State: Coronel Ponce. <sup>1</sup>															
Colombia: Intendencia of Meta—															
Restrepo.															
Villavicencio.															
French Equatorial Africa: Middle Congo—															
Pointenore.															
French West Africa—Guinea—Kndia.															
Gambia:															
Bathurst.															
S. Mary's Island.															
Gold Coast:															
Aperedi.															
Kakobee.															
Oda.															
Wachi.															
Ivory Coast:															
Abidjan.															
Arboville.															
Bahamou.															
Bassam. <sup>1</sup>															
Bobo-Dioulasso. <sup>1</sup>															
Dibro.															
Dieckro.															
Dimbokro.															
Gagnoa. <sup>1</sup>															
Ouagadougou.															
Tralieur.															

<sup>1</sup> A report dated Mar. 17, 1935, stated that yellow fever was present in 6 localities of Goyaz State, Brazil.<sup>2</sup> During the month of October 1934, 1 case of yellow fever was reported at Coronel Ponce, Mato Grosso State, Brazil.<sup>3</sup> Suspected.<sup>4</sup> For the period Mar. 11-20, 1935, 1 case of yellow fever with 1 death was reported near Bassam, Ivory Coast.

## YELLOW FEVER—Continued

[C indicates cases; D, deaths; P, present]

Place	Aug. 26- Sept. 29, 1934	Sept. 30- Oct. 27, 1934	Oct. 28- Nov. 24, 1934	Week ended—													
				December 1934				January 1935				February 1935				March 1935	
				1	8	15	22	29	5	12	19	26	2	9	16	23	30
Ivory Coast—Continued.																	
Toumodi.....					15			1									
Zumoula.....					10												
Nigeria: Kano.....					1												
Niger Territory:																	
Faradji.....																	
Zinder.....	1									1							
Sierra Leone:																	
Freetown,*		1															
Hill Station (near Freetown).....										1							

\* During the week ended Mar. 23, 1935, 1 case of yellow fever was reported at Freetown, Sierra Leone.

X